

Array Traversals

- Searching
- Removal from an ArrayList



Example: Search an Array. Return true if object exists in the Array, false otherwise.

```
public boolean search(SomeClass [] a, SomeClass element)
{

}
}
```



Example: Search an Array.
Return index of the greatest String in the array.

```
public int returnGreatest(String [] a)
{

}
}
```


Example: Traverse an Array of int values.
Return the average of the int values.

```
public double average(int [] a)
{

}
}
```



Example: Traverse an Array of Strings.
Return an Array containing all Strings that begin with “m” or “M”. Fill all empty spaces in array with null.

```
public String[] foo(String [] a)
{
```

```
7 }
```



Example: Search an ArrayList. Remove occurrence of String s if it exists in the ArrayList and return true. Otherwise return false.

```
public boolean search(ArrayList <String> a,
                     String s)
{
}

}
```

